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Sir:

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I hereby revoke all previous powers of attorney or authorizations of agent given in the patents/applications identified in Table A attached hereto, and appoint PLACE CUSTOMER NUMBER  
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as my/our attorney(s) or agent(s) to prosecute the patents/applications identified in Table A, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the Correspondence Address for the patent applications identified in Table A to:

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. (A statement under 37 CFR 3.73(b) is enclosed.)

Respectfully submitted,  
ISIS PHARMACEUTICALS, INC.

Date: 9-22-04

By:   
Name: B. Lynne Parshall  
Title: Executive Vice President

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Table A

Serial No. Patent No. Docket No.	Filing Date Issue Date	Inventor(s)	Examiner	Art Unit	Title
10/318,908 ISIS0138- 100(RTS-0455)	December 12, 2002	Kenneth W. Dobie et al.	Not yet assigned	Not yet assigned	Modulation Of MAD1-Like 1 Expression
10/316,244 ISIS0138- 100(RTS-0086)	December 12, 2002	C. Frank Bennett	Not yet assigned	1635	Modulation Of Ornithine Decarboxylase 1 Expression
08/357,071 6,043,091 ISIS0140- 100(RTSP-0056)	July 19, 1999 March 28, 2000	Brett P. Moria	M. Schmidt	1635	Antisense Modulation Of Liver Glycogen Phosphorylase Expression
10/114,544 ISIS0140- 101(JSPH-0662)	April 1, 2002	Brett P. Moria	Terra C. Gibbs	1635	Antisense Modulation Of Liver Glycogen Phosphorylase Expression
10/019,470 ISIS0140-102 (RTSP-0240)	May 9, 2002	Brett P. Moria	Not yet assigned	Not yet assigned	Antisense Modulation Of Liver Glycogen Phosphorylase Expression
08/200,141 5,995,663 ISIS0141- 100(RTS-0022)	November 25, 1998 November 16, 1999	C. Frank Bennett	Mary M. Schmidt	1635	Antisense Inhibition Of Interleukin-15 Expression
08/658,748 ISIS141- 101(RTSP-0119)	September 24, 2001 Abandoned	C. Frank Bennett	Mary M. Schmidt	1635	Antisense Inhibition Of Interleukin-15 Expression
10/289,861 ISIS0141- 102(JSPH-0722)	November 19, 2002	C. Frank Bennett and Lex M. Cowart	Not yet assigned	1635	Antisense Inhibition Of Interleukin-15 Expression
10/317,478 ISIS0142- 100(PTS-0025)	December 11, 2002	Brenda F. Baker	T.C. Gibbs	1635	Modulation Of Interleukin 18 Expression
10/318,913 ISIS0143- 100(RTS-0457)	December 12, 2002	C. Frank Bennett	Not yet assigned	1646	Modulation Of BUB3 Expression

10318, 231 ISIS0144- 100(RTS-0449)	December 9, 2002	C. Frank Bennett	Not yet assigned	1845	Modulation Of Fetoprotein Transcription Factor Expression
10318, 515 ISIS0145-100	December 10, 2002	Alexander H. Borchers	Not yet assigned	1846	Modulation Of LCK Expression
10318, 667 ISIS0148- 100(RTS-0349)	December 10, 2002	C. Frank Bennett et al.	T. C. Gibbs	1835	Modulation Of CD1D Expression
10317, 500 ISIS0147- 100(RTS-0380)	December 11, 2002	Robert McKay	Sean McGarry	1835	Modulation Of PPAR-Alpha Expression
10318, 389 ISIS0148-100 (RTS-0382)	December 10, 2002	Kenneth W. Dobie	Not yet assigned	Not yet assigned	Modulation Of ABCG2 Expression
10318, 863 ISIS0149- 100(RTS-0419)	December 12, 2002	Kenneth W. Dobie	Not yet assigned	Not yet assigned	Modulation Of ABCG5 Expression
10319, 916 ISIS0150- 100(RTS-0447)	December 12, 2002	Denneth W. Dobie	Not yet assigned	Not yet assigned	Modulation Of Endothelial Lipase Expression
10317, 248 ISIS0151- 100(RTS-0460)	December 10, 2002	Kenneth W. Dobie et al.	Not yet assigned	Not yet assigned	Modulation Of SLC26A2 Expression
10318, 540 ISIS0152- 100(RTS-0471)	December 10, 2002	Kenneth W. Dobie et al.	Delta M. Ramirez	1852	Modulation Of Alpha-Methylacyl- CoA Racemase Expression
10317, 273 ISIS0153-100	December 10, 2002	Kenneth W. Dobie	Not yet assigned	1845	Modulation Of Mitochondrial Ribosomal Protein L13 Expression
10181, 543 ISIS0155- 100(RTS-0339)	November 4, 2002	Madeline M. Butler et al.	Not yet assigned	1835	Antisense Modulation Of Glycogen Synthase Kinase 3 Beta Expression